

Montana Wind & Transmission Working Group
Wednesday February 6, 2013
Front Street Learning Center



Montana – Alberta Tie Line
(MATL)
Project Update





Intro to Enbridge

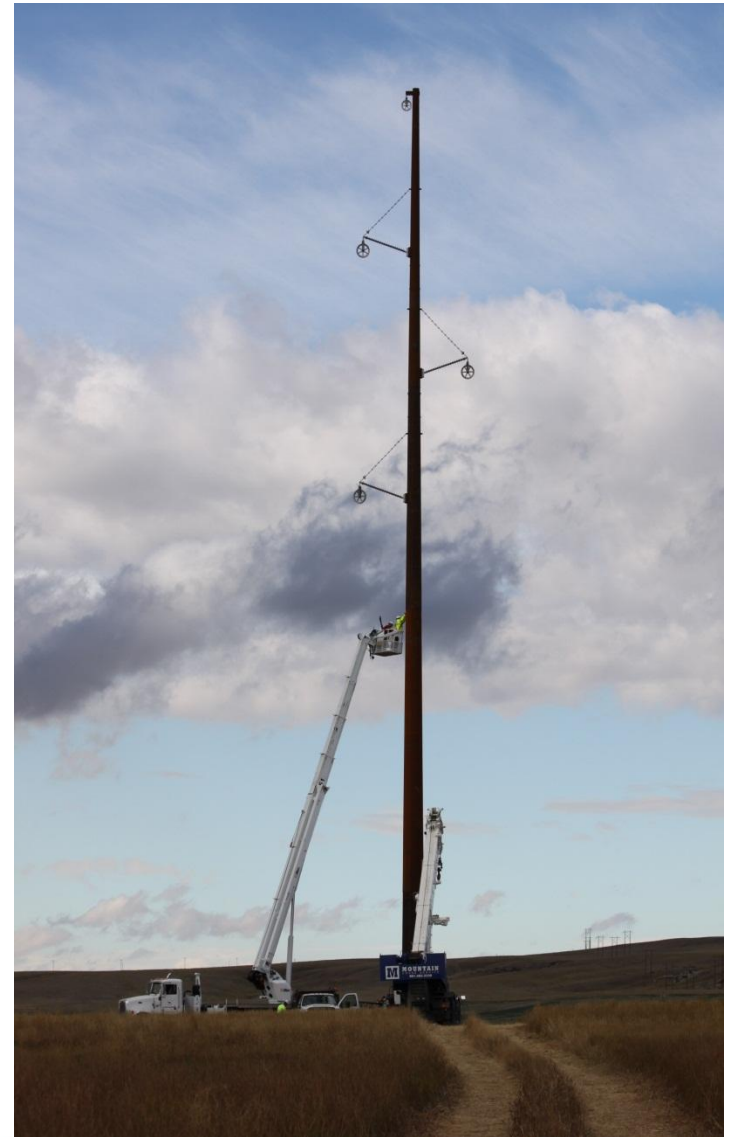




Project History

- MFSA Scoping in 2005
- First MFSA Application in 2006
- FEIS/ROD and Certificate in Oct. 2008
- Construction Begins in 2010
- Construction halts in 2011
- Enbridge purchases MATL Fall 2011
- Resume construction 2012
- Anticipate completion Feb 2013 in Montana and Q2 in Alberta

Construction Update



Constraints



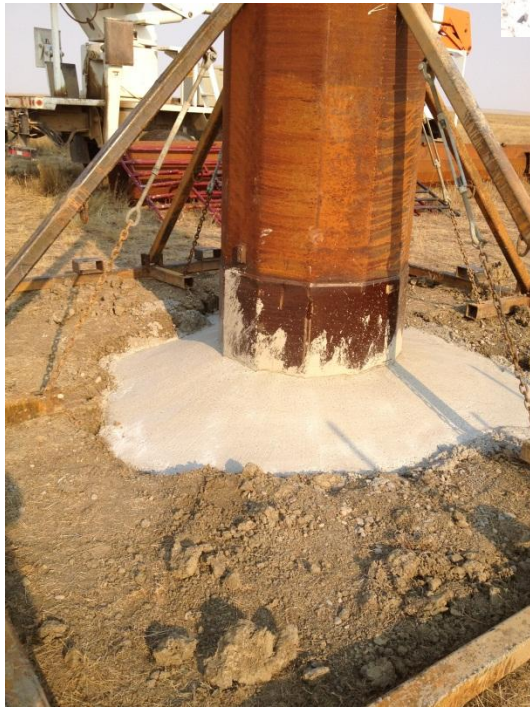
Construction Process



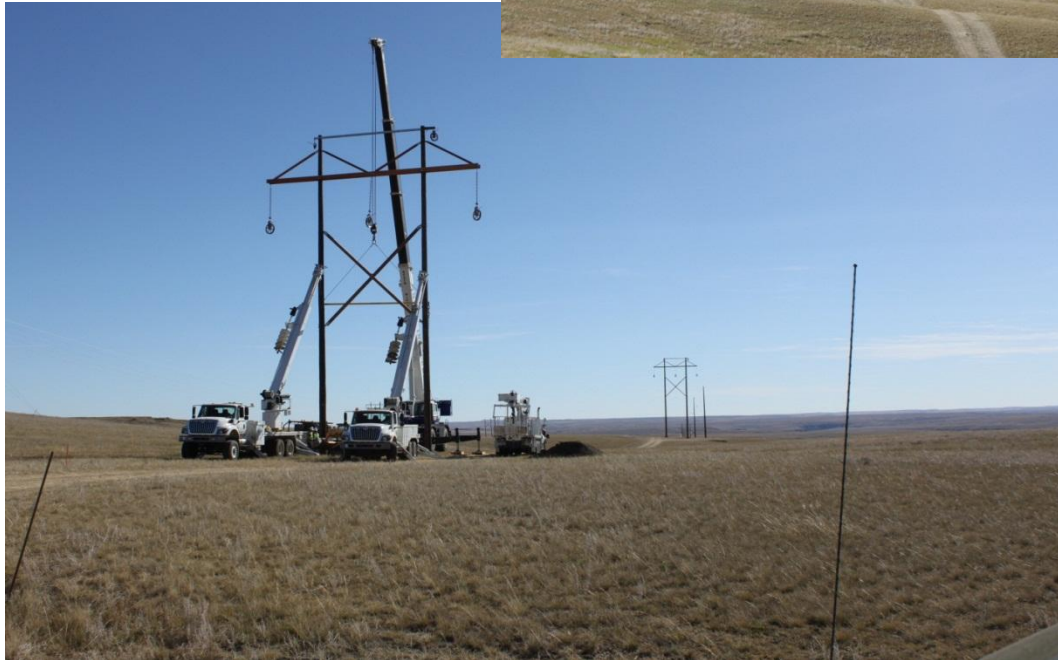
- Setting bases



- Foundations



- Structure Assembly



- Topping Out



- Wire Stringing

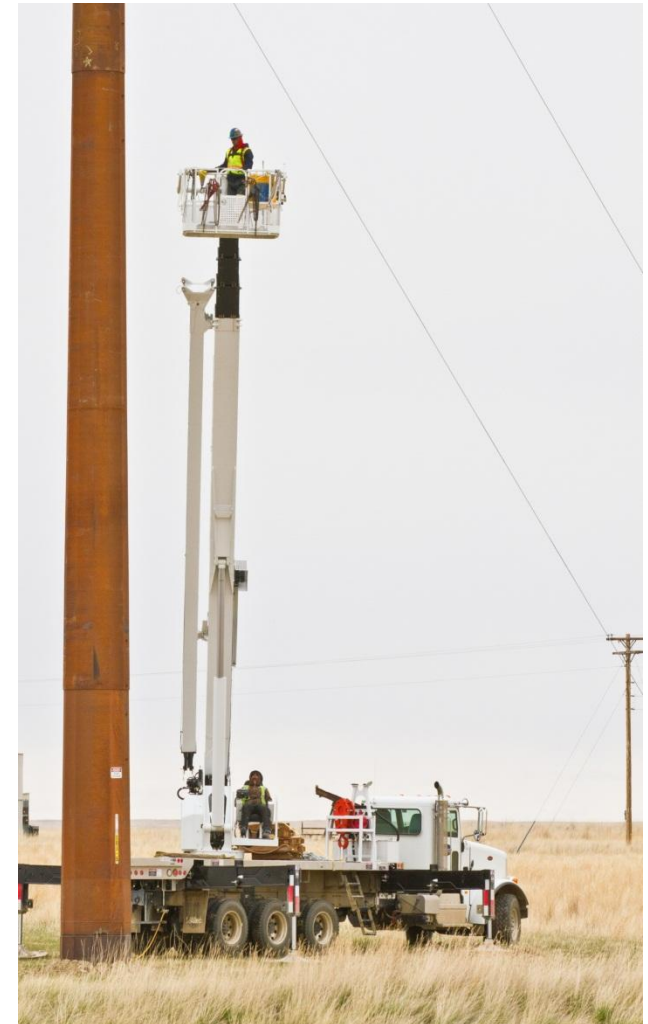


- Wire Stringing

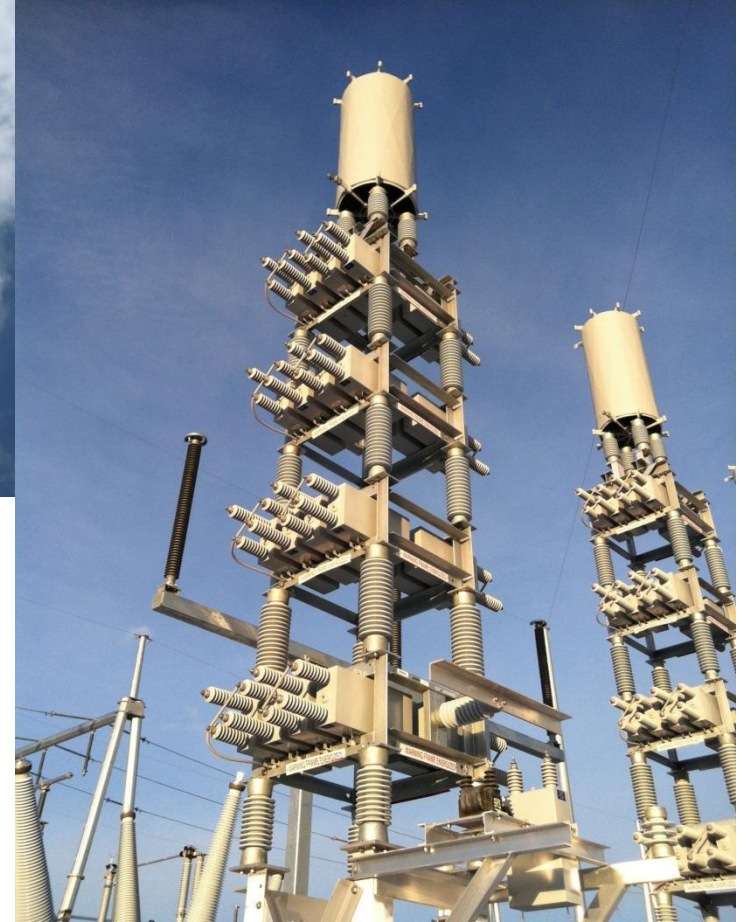




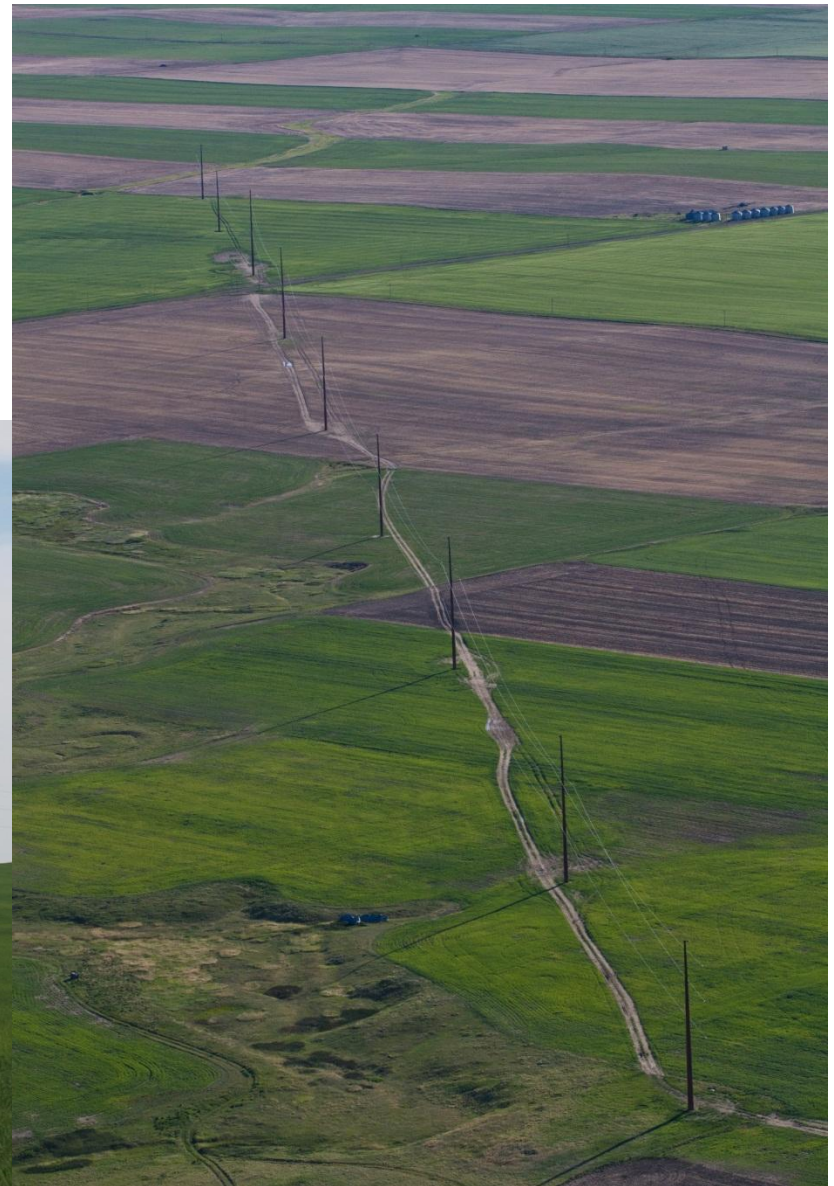
- Wire Clipping



- OPGW and Sub-Stations



- Reclamation





Safety

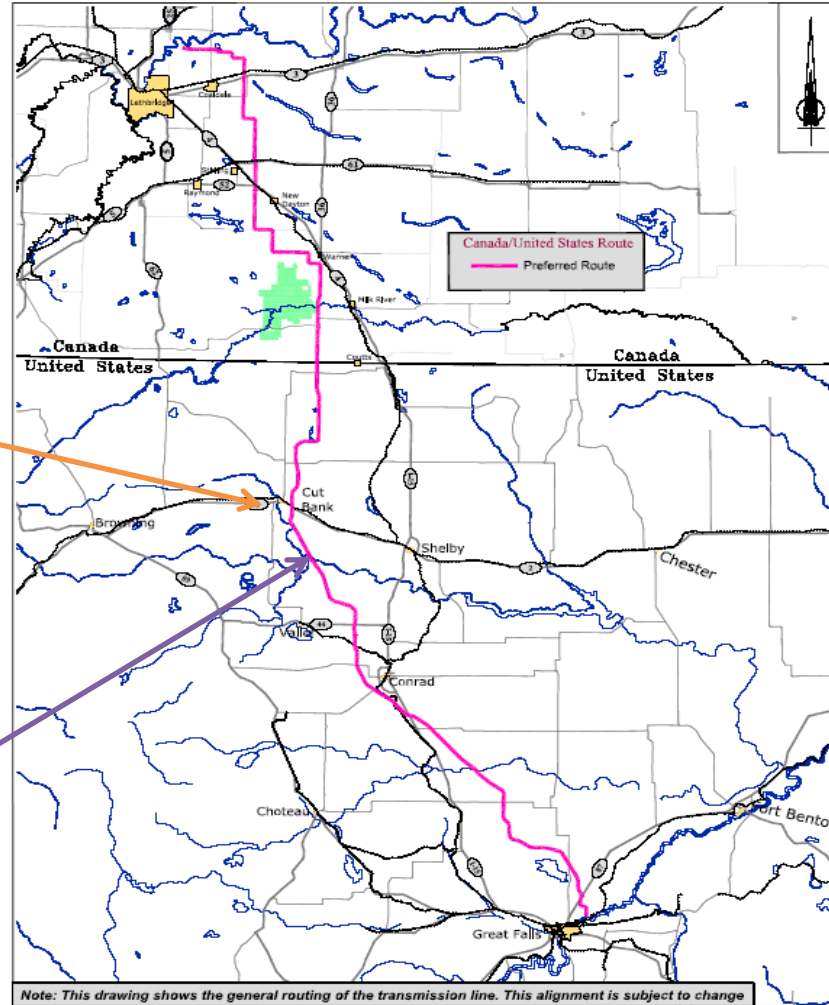
Emergency Number : **888-780-8831**



THINK
SAFETY
FIRST



Current Status (Montana)



General location of
NaturEner wind farm
under expansion

General location of
wire stringing crews



Current Status (Alberta)

- Gave AUC a typical design in 2010, then required a more detailed design for final approval in 2012.
- Received AUC decision on MATL final design in Alberta late last year.
- Construction resumed in January 2013.

Lessons Learned





It's about Relationships

Hire the right people for the right job:

- Permitting
- Regulatory
- Land acquisition
- Construction
- O&M
- External communications

These all have an external “face” and can impact your project.



Setting Expectations

- Investment follows certainty . . . But haste makes waste.
 - Premise: MATL could be built faster and cheaper than traditional utilities
 - Reality: Permitting process takes time, money, expertise and patience – no matter what



Siting Process

- Working with an outdated statute
 - Process is expensive and unpredictable
 - Analysis criteria are unclear
- Actively manage the process
 - Lack of familiarity with process
 - Shortcuts added time and cost
 - Cover bases early and completely
 - Obtain agency buy-in early

Need to get industry on the same page and we need better coordination of MFSA and MEPA



Land Acquisition

- 75/75 provision
- Right personalities
- Track comments/concerns
- Provide complete picture (access, construction, O&M)
- Keep landowners informed



Construction

- Get input on construction techniques early
- Parallel paths of ROW Acquisition and Construction
- Contractor needs skin in the game
- Work with DEQ



Engagement

- Public participation requirements are exhaustive – and under challenge
 - Effective agency, tribal and stakeholder engagement is critical
 - Landowner buy-in is becoming a critical piece in successful infrastructure development
 - Not taking agency decisions as final answer anymore
 - Eminent Domain part of national dialogue



Challenges Ahead

- Unpredictable market conditions
- Public Notification
- Landowner Compensation
- Tax Structures
- Eminent Domain



What's on the horizon?

- Completion of MATL construction and commissioning
- MATL Upgrade
- Additional connection(s) between MATL and the BPA line

Question & Answer



For more information, please
visit our webpage at:

[www.enbridgeus.com/Delivering
-Energy/Growth-Projects/](http://www.enbridgeus.com/Delivering-Energy/Growth-Projects/)